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REMARKS

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

for  #46,692
Paul Devinsky
Registration No. 28,553

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 PD:RMF:amz
Date: February 19, 2002
Facsimile: (202) 756-8087

APPENDIX

The paragraph beginning on page 4, line 20 has been amended as follows:

--In this way, a magnetic flux is generated which flows from one pole face of the permanent magnet **41** through the lower outer yoke **31**, the side yoke **33**, the center yoke **1** and the permanent magnet **42** and to the other pole face of the permanent magnet **41**. A magnetic flux is also generated which flows from one pole face of the permanent magnet **41** through the lower outer yoke **31**, the side yoke **34**, the center yoke **1** and the permanent magnet **42** and to the other pole face of the permanent magnet **41**.--

The paragraph beginning on page 6, line 14 and ending on page 7, line 3 has been amended as follows:

--A plurality of minute holes **7a** through which coolant can flow are preferably formed in the cooling pipe **7**, and aligned in the longitudinal direction **X**. A manifold **9** that is a substantially rectangular block, is provided aligned with the cooling pipe **7**. The manifold **9** has an inlet **9A** and an outlet **9B** which respectively communicate with the two ends of the cooling pipe **7**. The cooling pipe **7** and the manifold **9** are preferably made from a material that has no material affect on magnetic flux, such as an aluminum alloy or a copper alloy. The cooling pipe **7** and the manifold **9** may be connected by brazing, and act effectively as a frame for winding the coil **5**. Openings **11B** and **12B** through which the manifold **9** passes are respectively formed in the pair of plates **11** and **12**. Three holes **16** for passing two lead wires of the coil **5** and a single ground wire are formed in the plate **11**. The coil **5**, the cooling pipe **7** and the manifold **9** are covered by a rectangular resin block.--